

In re Application of: Joy et al.
Application No.: 09/718,567

Amendments to the Claims

- 1-9. (Cancelled)
10. (Currently Amended) A computer-readable medium having stored thereon a first data structure, the first data structure comprising:
a first data field containing data representing code; [[and]]
a second data field containing data representing an association of the first data structure with a second data structure; and
a third data field containing data representing a location in source code of a task.
11. (Original) The first data structure of claim 10 wherein the first data field represents code by pointing to the code.
12. (Original) The first data structure of claim 10 wherein the second data field represents the association of the first data structure with the second data structure by pointing to the second data structure.
13. (Original) The first data structure of claim 10 wherein the second data structure is the parent of the first data structure.
14. (Original) The first data structure of claim 10 wherein the code is code for executing a task.
15. (Currently Amended) The first data structure of claim 14 further comprising:
a [[third]] fourth data field containing data representing a state of the task.
16. (Currently Amended) The first data structure of claim 15 wherein the state of the task is “pending on object deletion” and wherein the first data structure further comprises:
a ~~fourth~~ fifth data field containing data representing an association of the first data structure with an object on whose deletion the task is pending.

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17. (Currently Amended) The first data structure of claim 15 wherein the state of the task is “pending on task completion” and wherein the first data structure further comprises:
a ~~fourth~~ fifth data field containing data representing a second task on whose completion the task is pending.
18. (Currently Amended) The first data structure of claim 15 wherein the state of the task is “pending on group de-initialization” and wherein the first data structure further comprises:
a ~~fourth~~ fifth data field containing data representing a group on whose de-initialization the task is pending.
19. (Currently Amended) The first data structure of claim 14 further comprising:
a [[third]] fourth data field containing data representing completion code.
20. (Original) The first data structure of claim 10 wherein the code is deletion code.
21. (Currently Amended) The first data structure of claim 10 further comprising:
a [[third]] fourth data field containing data representing an association of the first data structure with a third data structure.
22. (Currently Amended) The first data structure of claim 21 wherein the [[third]] fourth data structure is a child of the first data structure.
23. (Currently Amended) The first data structure of claim 10 further comprising:
a [[third]] fourth data field containing data representing a reference counter.
24. (Original) The first data structure of claim 23 wherein the reference counter counts a number of child data structures that are associated with the first data structure.
25. (Cancelled)

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26. (Original) The first data structure of claim 10 further comprising:
a third data field containing data representing a resource associated with the first data structure.
27. (Original) The computer-readable medium of claim 10 further comprising:
the second data structure, wherein the second data structure comprises:
a third data field containing data representing code; and
a fourth data field containing data representing an association of the second data structure with a third data structure.
- 28-68. (Cancelled)